

Amendments to the Specification:

Please amend the paragraph beginning on page 22, line 13 as follows:

By calculating a DC current value of the coil 18b (FIG. 2) of the objective lens drive ~~[[13]]~~ 14, the amount of shift of the objective lens 11 can be detected (the direction of a change (or sign) is reversed depending on whether the radial shift of the objective lens 11 is toward the inner or the outer circumference). In other words, the amount of shift of the objective lens 11 can be detected independently from the light beam distribution on the diffraction grating 35.

Please amend the paragraph beginning on page 24, line 30 as follows:

As shown in a broken line of the block diagram of FIG. 5, the error in the detection sensitivity due to the amounts of light entering the light-receiving regions 36a and 36b also can be corrected by dividing the output of the differential amplifier 37b or 37a by the output of the ~~differential~~ summing amplifier 37c.

Please amend the paragraph beginning on page 26, line 29 as follows:

In this embodiment, the magneto-optical recording medium ~~[[11]]~~ 13 is used as an information recording medium. However, a phase change medium or ROM disk having a prepit also can be used.

Please amend the paragraph beginning on page 7, line 35 as follows:

FIG. 15A is a cross-sectional view showing a second example of a tilt detector of an optical head in Embodiment ~~[[5]]~~ 4 of the present invention.

Please amend the paragraph beginning on page 7, line 37 as follows:

FIG. 15B is a cross-sectional view showing a third example of a tilt detector of the optical head in Embodiment ~~[[5]]~~ 4 of the present invention.

Please amend the paragraph beginning on page 8, line 2 as follows:

FIG. 15C is a cross-sectional view showing a tilt detector of an optical head in Embodiment [[6]] 5 of the present invention.